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Criteria for Publication

- Outlined below are the mandatory criteria for any article to be considered for publication in the Indian Journal of Science and Technology. Failure to adhere to these criteria will result in rejection of the article by the editorial team.
- Article adheres to the manuscript preparation guidelines explained below.
- Article should be in Microsoft Word format only.
- Each article should be accompanied with a cover letter. For more details, refer the cover letter guidelines below.
- Articles should be written in single column format, using Times New Roman font, 12 point font size. Keep the layout of the text as simple as possible.
- Equations and formula should be readable, preferably written using equation editing softwares (E.g. MathType). Alternately, authors have to provide the fonts used for creating the equations/formulae.
- All figures provided are of high resolution, preferably 300dpi
- References should follow the Vancouver Style of Referencing.

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Manuscript Preparation Guidelines

Articles submitted to Indian Journal of Science and Technology should conform to the guidelines indicated below. Before you submit, please study the author checklist provided at the end of this document. Following is the chronological order of topics to be included in the article:

- ❖ Title
- ❖ Abstract

- Enrich the abstract and conclusion with quantitative/comparative/numerical data in support of your findings (without comparative data or statistical values in this-sections, it will be looked upon as empty statements as readers mostly read abstract and or conclusion only)
- The abstract introduces the article and should not exceed 300 words. It should briefly mention the techniques/samples used; mention if modifications made in the proven methods without detailing the published methods; summarize the most important results. Please do not include any citations in the abstract and avoid using abbreviations if possible.
- Enrich the abstract and conclusion with quantitative/comparative/numerical data in support of your findings (without comparative data or statistical values in this-sections, it will be looked upon as empty statements as readers mostly read abstract and or conclusion only)
- The abstract must include the following sub-headings:
  Objectives:
  Methods:
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  Novelty:
  Keywords:

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❖ Keywords

- Authors should provide 4-6 keywords for indexing purposes. Keywords should be written in title case and separated by comma. Avoid general and plural terms and multiple concepts (avoid, for example, 'and', 'of')

❖ Introduction

- Introduction is about a para, mainly highlights the recent (2024-2020) and most relevant findings (matching with your title) and expose their research gaps and justify for your work
- (under Introduction section, you are finding the research gaps in the recently published works; but under results and discussion section" you are matching your results with relevant published reports' results)
- (Under introduction, the research gaps are identified by exhibiting the works of most related studies; under 'Results and Discussion', your results are to be compared with the results of previous works; this will exhibit the merits of your work)
- In other words, introduction should be written in a polished way stitching together the major advancement made in the area and also pin-point the gaps and mention how your work is going to address those issues. It should not be mere narration of the literature.
- Introduction should distil out the gaps of previous work; abridge the introduction section to a para. Omit expanding it as a Literature survey. Introduction should capture the major gaps of the existing literature and also to justify the present work; on this context, major milestone works of recent and most matching ones (about 10 references from 2024 to 2020) should be highlighted along with their limitations for which your work is going to rectify. Generally, omit references older than 2018 (except in methodology) and no need to expand it as literature survey or restating the historical developments.

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❖ Concept headings (include statistical methodology, if any)

- Methodology should include details of dataset used; how tested/ trained/ compared with gold standard methods; what modification you made in the methodology etc. (omit basic details and elaboration with already known information.

❖ Results and Discussion

- Results and discussion section should include how your results are superior compared to hitherto published claims. So, compare and contrast your findings by refereeing with previous publications
- "Results and Discussion" Section include a detailed discussion on how and why you were able to achieve better results in comparison to state of the art techniques already published reports. Your obtained results should be matched with previous publication by comparing and contrasting to exhibit the novelty of your work. Comparative citation of previous work is must.

❖ Conclusion

- Conclusion section should mention how the objectives fulfilled by stating the novel outcomes of your work linking with objectives; enrich the section with quantitative data; express comparatively how your work is novel and better; mention the limitations of your work and future scope
- Conclusion should highlight the novelty of your work (take home piece of new information) connecting with study objectives; indicate the limitations and future scope. Support your claim with quantitative/numerical data
- (Under conclusion section, what major knowledge gaps still remain should also be stated; how your results advanced the present understandings when compared to those of previously published results, must be ascertained)

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❖ Acknowledgements

- People who contributed to the work but do not fit the criteria for authors should be listed in the Acknowledgments, along with their contributions. Authors are requested to ensure that anyone named in the Acknowledgments agrees to being so named.

❖ References

- Only published or accepted manuscripts should be included in the reference list. Meetings, abstracts, conference talks, or papers that have been submitted but not yet accepted should not be cited.
- In text citations: citation should be of increasing numerical order [1], [2], [3] etc.. References cited in text should conform to the Vancouver style. Please refer the Vancouver Style of Referencing.
- Reference List: This should only contain references to those works which you have cited in your text. It should appear at the end of your text. It should be arranged numerically increasing citation order [1], [2], [3] etc. under 'References'. Each article listed under 'Reference' should carry DOI number or publication hyperlink (url).
- References less than 25 (90% should be from 2024-2020)
- All references should be provided with DOI number or publication URL
- Reference section should be prepared as per the journal style (Add DOI number/ publication URL for each reference);
- Recent references should have been consulted (2024-2019); Please omit references older than 2018 (Except under 'Methodology' section)

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- The covering letter should be written by the corresponding author indicating how the manuscript is suitable for publication in Indian Journal of Science and Technology. All authors names are to be included in the letter (preferably along with their signatures) stating the article has not been published elsewhere or communicated to any other publication apart from Indian Journal of Science and Technology. If the article is authored by a student, it is requested that he/she obtain the approval of the institution department prior to submitting the article.

Electronic Formats

- Authors are requested to send their articles in MS Word (.doc) format. In case of any difficulty with the manuscript submission process or concern regarding the suitability of your files, please contact us at indjst@iseeadyar.org

Article Title

- The title should be concise and specific to the topic of the article, avoid using abbreviations in the title. Titles should be presented in title case, meaning that all words except for prepositions, articles, and conjunctions should be capitalized. All botanical names should be in italics.

  E.g. An Experimental Study of Classification Algorithms for Crime Prediction

Author names & Affiliations

- Provide first names or initials (if used), middle names or initials (if used), and surnames for all authors. Affiliation details should include—department, university or organization, city, state and country for all authors. One of the authors should be designated as the corresponding author with asterisk (*) against his/her name. Only the corresponding author's email address should be provided in the article. It is the corresponding author's responsibility to ensure that the author list and the summary of the author contributions to the study are accurate and complete.

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Headings

- For a better understanding of the content in the article, we encourage authors to number the article headings in Arabic style format. Headings should follow title case, meaning that all words except for prepositions, articles, and conjunctions should be capitalized. All botanical names should be in italics.

  For example: 1. Finite Element Modelling (FEM)
  1.1 Model Description

Abbreviations

- All abbreviations should be defined on first use in the text along with the abbreviation in parenthesis. E.g. Magnetic Resonance Imaging (MRI)

Units and Symbols

- Symbols should be used while referring to alpha, beta, mu, etc (Ex: α, β, μ, etc). All units to follow the International System of Units (SI units).

Figures: General guidelines

- Figures Format & Resolution: Authors are requested to supply high-resolution versions of the figures in TIFF, JPEG or EPS format. We require that figures be created at a minimum resolution of 300 ppi.
- File size: The file sizes should not exceed 20 MB.
- File naming: Naming of figure files should be simple indicating the serial number and last name of author. E.g. if author's name is Bob Marley, Figure 1 should be named as "Fig 1_Marley".
- Figure submission: Figures should be submitted after uploading the article (in step 4 of the submission process in supplementary files). In case of multiple files, upload the figures in order. E.g. Figure 1 should be uploaded first followed by Figure 2, 3 and so on.

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- Figure captions: These have to be included in the text and provided sequentially at the end of the article. The captions should be short having 10-15 words in sentence case style. E.g. Figure 1. Percentage of detection rate vs. number of nodes.
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Tables: General guidelines

- Tables should be included in the text file at the end of the article.
- All tables should have a concise title and written as Table 1 with a period (.).
  E.g. Table 1. Stimulation settings
- Footnotes can be used to explain abbreviations. Tables extending beyond 1 page should be avoided.

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- Kindly access the following link before submission: https://indjst.org/author-guidelines
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- Upon acceptance of the paper, authors will be contacted by the production team of Indian Journal of Science and Technology. The manuscript will be processed through editing and scrutinized for any missing elements or disparities. Authors will be contacted by the production team and asked to supply the missing information in their paper. This will be the final stage for authors to send amendments to the manuscript. Upon finalization of the edited files, the files will be processed through typesetting to generate first proofs. Authors will receive the first proofs of their article to resolve any pending queries. Authors are advised not to send any corrections at the proofs stage and are requested to co-operate with the production team to ensure smooth workflow and timely publication of the journal issue.

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